

PLANTS NEW TO ILLINOIS AND TO THE  
CHICAGO REGION

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THE last report by the authors appeared in *RHODORA* **54**: 208–213. 1952. As on previous occasions, the authors have either collected or have found these new records in the herbarium of the Chicago Natural History Museum. All specimens collected have been deposited in the herbarium of that institution.

1. ADDITIONS TO THE FLORA OF ILLINOIS

*TRILLIUM ERECTUM* L. This species is not given by Jones in the second edition of his *Flora of Illinois*. During the spring of 1954 while botanizing a tract of rich woodland on the property of Mr. Richard Babcock in northeastern Illinois, the senior author saw numerous plants belonging to this species growing with hundreds of *Trillium grandiflorum*. Mr. Babcock was certain that neither of the two species had been introduced, since he and his mother before him have maintained the property in its natural condition. Associated with the rich mesophytic woodland flora were *Hepatica acutiloba*, *H. americana*, *Mitella diphylla*, *Asclepias exaltata*, and many other native species. My field notes for the *Trillium erectum* collection read: "ovary deep purple, petals spreading from base, maroon-purple, peduncle ascending to spreading, above the leaves." The data for this collection are as follows: rich wooded slopes along headwaters of tributary of Boone Creek, T 44 N, R 7 E, sect. 11, on property of Mr. Richard Babcock, 4 mi. east of Woodstock, Mc Henry Co., May 9, 1954, *Steyermark 76094*.

This locality is close to the Ringwood station, cited by Jones (p. 100) in the second edition of his *Flora of Illinois* for *Trillium cernuum*, in which he includes var. *macranthum* Wieg. The senior author has examined the Ringwood specimen collected by Dr. Geo. Vasey, identified by him as *T. cernuum* and later verified by Stanley J. Smith, but it is not possible to judge in the dried condition of preservation two of the critical characters used in delimiting *T. cernuum*, i. e., color of the ovary and position of the petals in anthesis, whether spreading from the base (as in *T. erectum*) or from the middle (as in *T. cernuum*). The senior author has determined this Vasey specimen as *T. erectum*, rather than as *T. cernuum*, on the basis of the field observations on plants from the Woodstock locality, which is near the Ringwood station of Vasey's collection. The E. J. Hill collection from Wolf Lake, Chicago, cited under *T. cernuum*, has not been examined. It is probable, however, that both *T. cernuum* and *T. erectum* will have to be admitted to the Illinois flora.

*RUMEX ACETOSELLA* L., forma *INTEGRIFOLIUS* (Wallr.) G. Beck. The data for this collection are: in shaded ground of Col. Fabyan Forest Preserve south of Geneva, Kane Co., June 8, 1952, *Swink 1198*.

FRAGARIA VESCA L., forma ALBA (Ehrh.) Rydb. A colony of about fifty plants was found by Mrs. Charles W. Miller growing wild on her property in the Biltmore Estates subdivision of Lake County. In this colony the fruit was whitish with white superficial achenes; the calyx lobes were spreading on all specimens noted. In general the plants are of a paler green color than in the common redfruited variety with which they were associated. The data for this collection are as follows: upland oak-hickory open woodland on property of Chas. W. Miller, Kimberley Road, Biltmore Estates subdivision, 5 mi. north of Barrington, Lake Co., June 26, 1952, *Steyermark 73627*.

BAPTISIA MINOR Lehm. Mr. Karl Bartel, a keen local ornithologist and amateur botanist, discovered this species growing in a natural dry prairie associated with typical dry prairie species, such as *Eryngium yuccifolium*, *Silphium laciniatum*, and *Silphium terebinthinaceum*. As only one plant was noted and the station is well out of the known range (Mo. and Kans. to Tex.) of the species, it is suspected that the plant has been introduced at this locality. There is no indication at this time, however, to suggest how it could have been introduced from the southwest, as the nearest railroad is some distance away. The data for this collection are: in a dry prairie near 105th St. and Central Ave. near Chicago Ridge, Cook Co., August 2, 1953, *Swink & Bartel 2521*.

VIGNA SINENSIS (L.) Endl. The authors found this Cowpea as an adventive in a state forest area. The data for the collection are as follows: sandy soil in *Quercus stellata*-*Q. marilandica*-*Q. velutina* forest, Mason State Forest, 5 mi. north of Forest City, Mason Co., August 13, 1949, *Steyermark & Swink 68854*.

VITIS RIPARIA Michx., var. SYRTICOLA (Fern. & Wieg.) Fern. Several collections which may be referred to this variety are the following: Jo Daviess Co.:  $\frac{1}{4}$  mi. south of Council Hill, *Lansing 4145*; Kankakee Co.: Altorf Island, 9 mi. northwest of Kankakee, *Steyermark 68633*; Kankakee, *E. J. Hill*; Du Page Co.: Naperville, *Umbach*; Cook Co.: Graceland, Chicago, *F. C. Gates 252*; Camp Harrison, between 154th and 159th streets, T 36 N, R 14 E, NE  $\frac{1}{4}$  sect. 13,  $1\frac{1}{4}$  mi. west of Calumet City, *Steyermark 68303*; Winnetka, *Sherff 1917*; La Salle Co.: Starved Rock, *Greenman, Lansing & Dixon 5*.

## 2. ADDITIONS TO THE FLORA OF THE CHICAGO REGION

BROMUS SQUARROSUS L. This was collected in sandy soil along a path near the Baltimore & Ohio Railroad west of Lake Street in the Miller section of Gary, Lake Co., Indiana, June 21, 1952, *Swink 1362*.

TRIODIA FLAVA (L.) Smyth, forma CUPREA (Jacq.) Fosberg. An abundant grass known from several stations: along U. S. 12 near Lakeside, Berrien Co., Michigan, *Swink 1904*; sandy soil of a forest preserve parking lot on the south side of Ridge Road east of Thornton, Cook Co., Illinois, September 25, 1954, *Swink 2762*.

ELYMUS INTERRUPTUS Buckl. This was collected in woods near South Lake of the Grand Marais lake chain near Stevensville, Berrien Co., Michigan, June 15, 1952, *Swink 1299*.

*SPOROBOLUS VAGINIFLORUS* (Torr.) Wood, var. *INAEQUALIS* Fern. This collection was found in gravelly soil along Whitcomb St. near 17th St. in Gary, Lake Co., Indiana, September 21, 1952, *Swink 1911*.

*MUHLENBERGIA ASPERIFOLIA* (Nees & Meyen) Parodi. Although Deam found this once in Lake Co., Indiana, it has not been reported previously for the Illinois portion of the Chicago region. The data for this record follow: along Douglas Park r.r. tracks property, just east of 52nd Avenue, Cicero, Cook Co., Illinois, July 29, 1953, *Swink 2356*.

*PANICUM MILIACEUM* L. This was collected along a roadside in the Lakewood Estates subdivision north of Dundee, Kane Co., Illinois, July 24, 1954, *Swink 2751*.

*LUZULA LUZULOIDES* (Lam.) Dandy & Wilmott. This is collected in woods of Covenant Harbor near Lake Geneva, Walworth Co., Wisconsin, July 4, 1953, *Swink 2272*.

*ALLIUM STELLATUM* Fraser. Found in a dry prairie near the ski slide in Fox River Grove, Mc Henry Co., Illinois, August 3, 1952, *Swink 1636*. This record applies only to the Illinois area, as it was found once in the dune area of Indiana (see Deam's *Flora of Indiana*, p. 1034, for details).

*NYMPHAEA ODORATA* Ait. Collected in shallow water of the boggy area of South Lake of the Grand Marais lake chain near Stevensville, Berrien Co., Michigan, June 21, 1953, *Swink 2207*.

*JEFFERSONIA DIPHYLLA* (L.) Pers. Collected in rich woods near Butternut Springs, 3 miles east of Wheeler, Porter Co., Indiana, April 19, 1953, *Swink 1949*. This new record applies only to the Indiana area, as the plant has been collected in Cook Co., Illinois.

*PODOPHYLLUM PELTATUM* L., forma *APHYLLUM* Plitt. This form was found in rich woods of Pilcher Arboretum east of Joliet, Will Co., Illinois, May 16, 1953, *Swink 2016*.

*SISYMBRIUM LOESELII* L. This was collected in a barnyard north of Helm Road and east of Route 25, about 3 miles northeast of Carpentersville, Kane Co., Illinois, June 27, 1953, *Swink 2221*.

*FILIPENDULA RUBRA* (Hill) Robins. This rare and local species, previously known in the Chicago region only from Du Page County, Illinois, has recently been discovered by Mr. Karl Bartel in Will and Cook counties, Illinois. The data for these collections are: marshy ground along a roadside south of an old scout camp three miles southeast of Custer Park, Will Co., Illinois, August 2, 1953, *Swink & Bartel 2425*; marshy ground along 107th Street east of Kean Avenue north of Palos Park, Cook Co., Illinois, August 2, 1953, *Swink & Bartel 2505*.

*RUBUS LACINIATUS* Willd. Collected along the east side of the Des Plaines River in Schuth's Grove just north of Cermak Road near North Riverside, Cook Co., Illinois, December 6, 1953, *Swink 2664*.

*CASSIA NICTITANS* L. Collected in sandy soil south of Ridge Road, 1½ miles east of Thornton, Cook Co., Illinois, August 14, 1954, *Swink 2755*. This record applies only to the Illinois area, as the plant has been found in the Indiana dunes.

*CROTALARIA SAGITTALIS* L. Collected in sandy soil south of Ridge

Road, 1½ miles east of Thornton, Cook Co., Illinois, August 14, 1954, *Swink 2763*.

DESMODIUM GLUTINOSUM (Muhl.) Wood, forma CHANDONNETII (Lunell) Schub. Collected in woods near Long Lake near Black Hawk Beach, Porter Co., Indiana, July 14, 1952, *Swink 1467*.

LESPEDA LEPTOSTACHYA Engelm. Collected in a dry gravelly prairie along the south side of Shoe Factory Road west of Sutton Road north of Bartlett, Cook Co., Illinois, *Swink 2757*. Jones (2nd edition, p. 179, *Flora of Illinois*) records this species from McHenry and Winnebago counties in northern Illinois.

EUPHORBIA VERMICULATA Raf. Collected in sandy soil near Lake Michigan in Bridgman, Berrien Co., Michigan, September 20, 1952, *Swink 1898*.

VIBURNUM OPULUS L. Collected in woods of Petrifying Springs Park east of Somers, Kenosha Co., Wisconsin, July 26, 1953, *Swink 2289*.

ASTER FURCATUS Burgess. Jones (2nd edition, p. 273, *Flora of Illinois*) records this species only from Starved Rock, La Salle Co. Two collections from the Chicago region are known, in addition, as follows: upland slopes near creek, just east of Kimberley Road, Biltmore Estates subdivision, 6 miles northeast of Barrington, Lake Co., Illinois, August 14, 1948, *Steyermark 65964*; wooded north-facing slopes along creek, same locality, September 16, 1947, *Steyermark 65017*. Other collections of this species in the Chicago Natural History Museum Herbarium from Illinois are: Winnebago Co. (*E. W. Fell 531109*); Peoria Co. (*Brendel, Stewart*); Tazewell Co. (*Stewart*); Ogle Co. (*Patterson*); Henderson Co. (*Patterson*); Woodford Co. (*McDonald*).

CENTAUREA VOCHINENSIS Bernh. The authors found this species abundant locally in open grassy places along both sides of Butterfield Road (Route 55), near Lambert Road south of Wheaton, Du Page Co., Illinois, July 25, 1954, *Steyermark & Swink 76353*; *Swink & Steyermark 2753*.

HIERACIUM VULGATUM Fries. Collected in woods of Covenant Harbor near Lake Geneva, Walworth Co., Wisconsin, July 4, 1953, *Swink 2287*.—CHICAGO NATURAL HISTORY MUSEUM AND COLLEGE OF PHARMACY, UNIVERSITY OF ILLINOIS.

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